

FIG. 1A

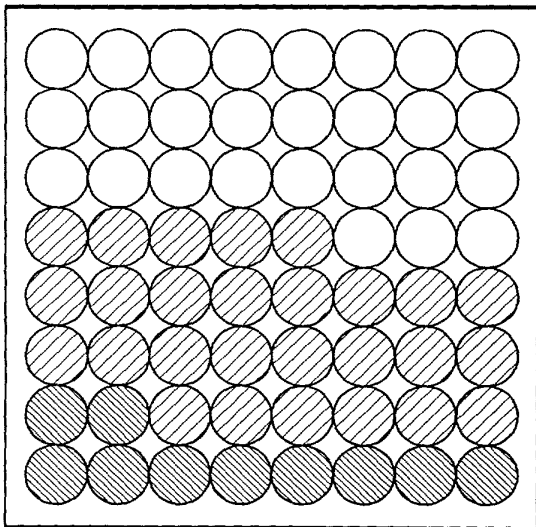
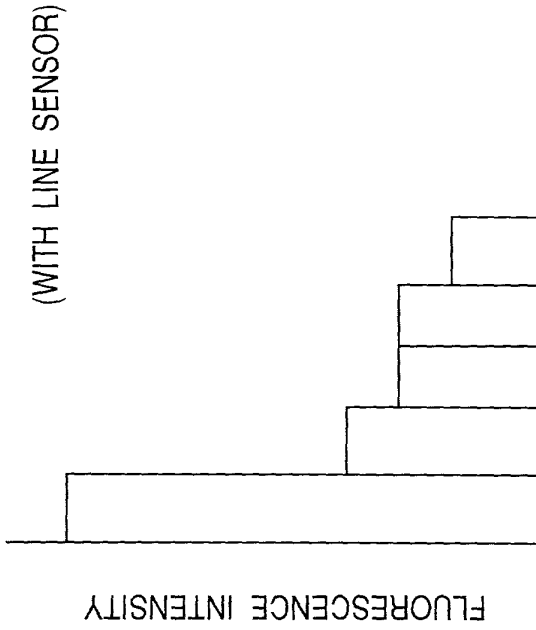


FIG. 1B

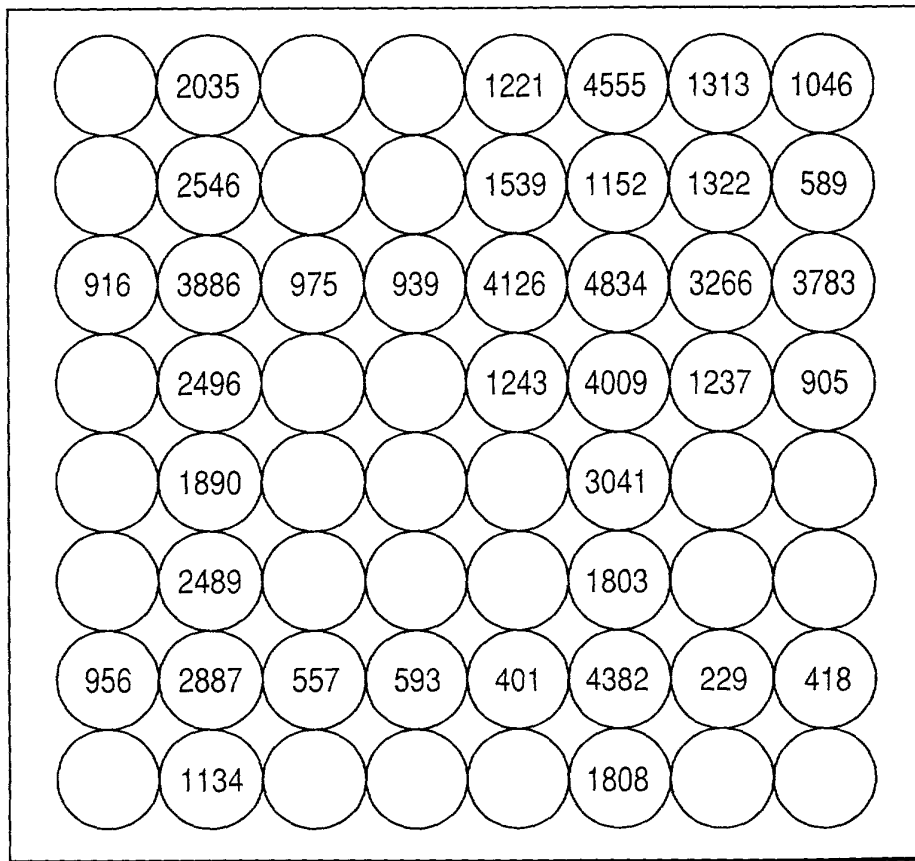


● FULL MATCH OR ONE-BASE MISMATCH WITH NORMAL GENE

● TWO-BASE MISMATCH WITH NORMAL GENE

○ THREE-BASE MISMATCH WITH NORMAL GENE

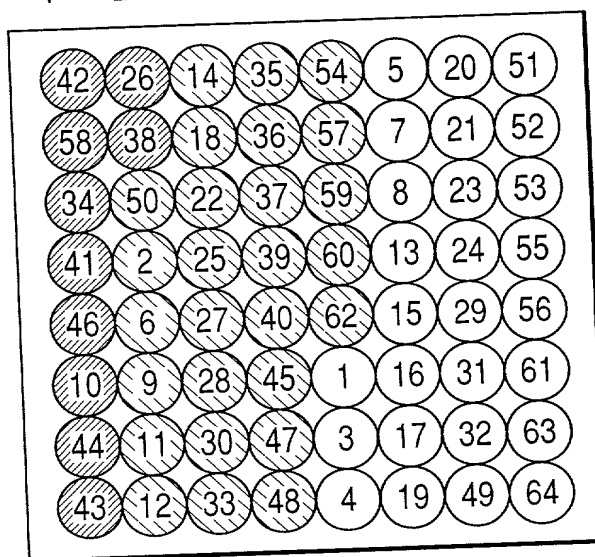
FIG. 3



FOUCAULT

FIG. 4

Gr. NO. 1 2 3 4 5 6 7 8



STRONG

WEAK




-  FULL MATCH OR ONE-BASE MISMATCH WITH NORMAL GENE
-  TWO-BASE MISMATCH WITH NORMAL GENE
-  THREE-BASE MISMATCH WITH NORMAL GENE

FIG. 5

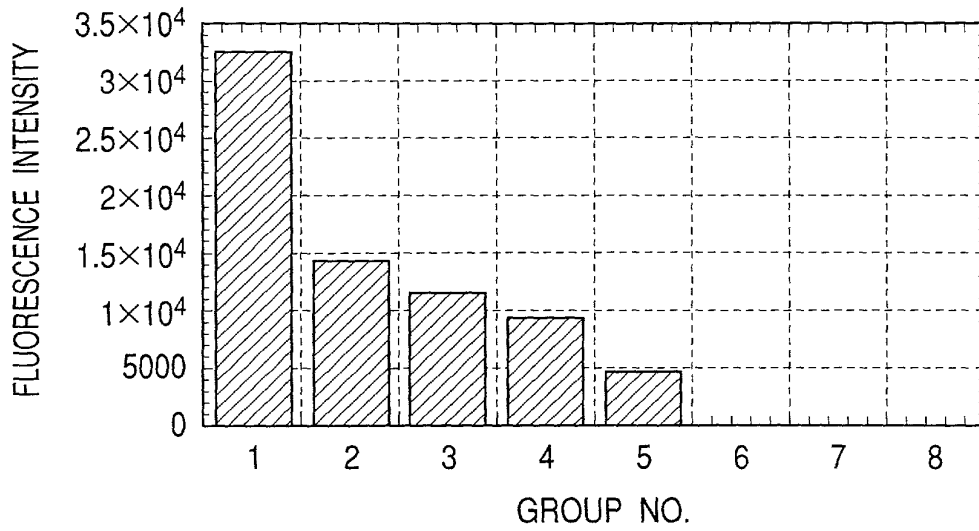


FIG. 6

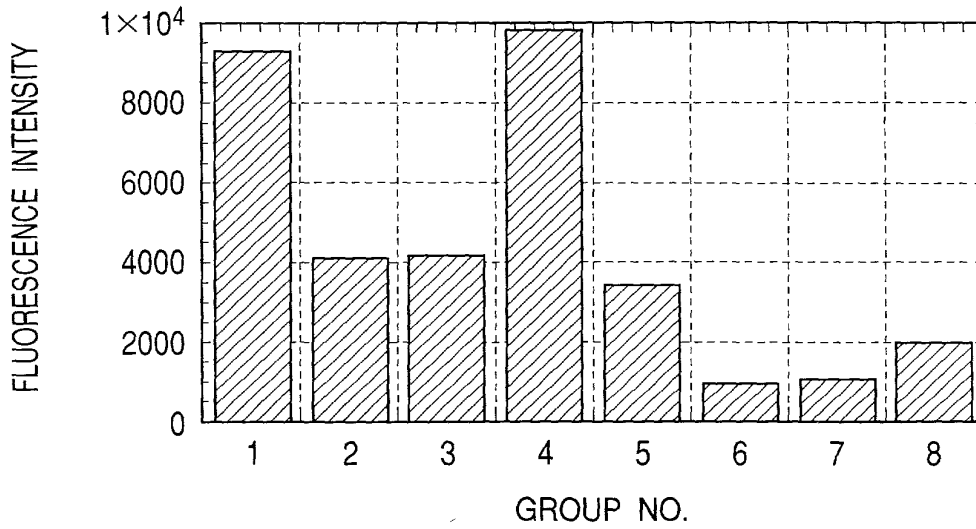


FIG. 7

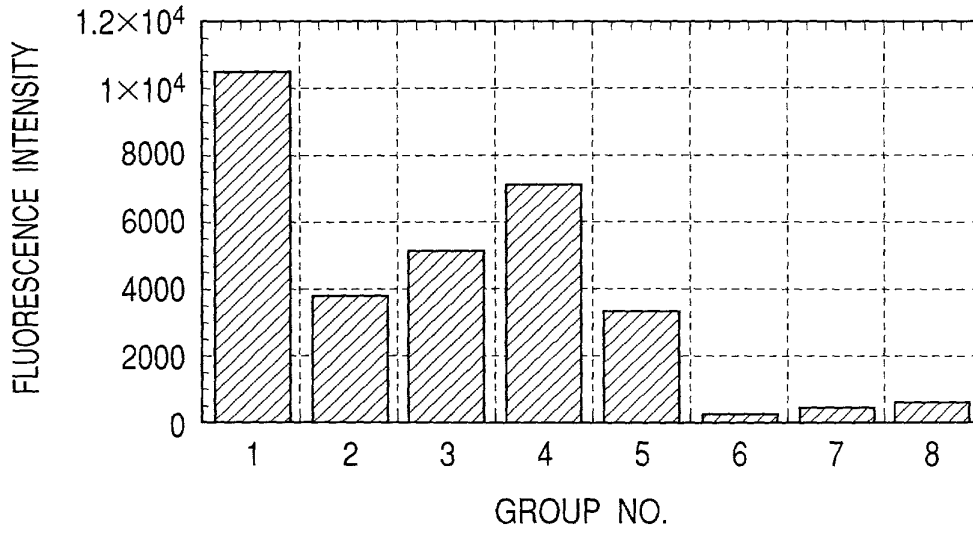
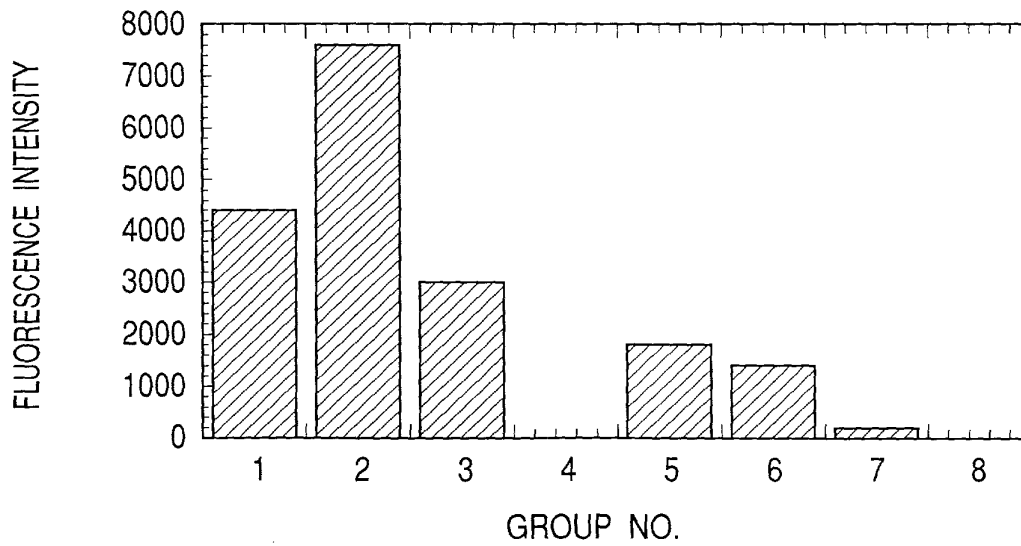


































































FIG. 8



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FIG. 9

Gr. NO.1	 42  58  34  41  46  10  44  43	 54  57  59  60  62  1  3  4	Gr. NO.5
Gr. NO.2	 26  38  50  2  6  9  11  12	 5  7  8  13  15  16  17  19	Gr. NO.6
Gr. NO.3	 14  18  22  25  27  28  30  33	 20  21  23  24  29  31  32  49	Gr. NO.7
Gr. NO.4	 35  36  37  39  40  45  47  48	 51  52  53  55  56  61  63  64	Gr. NO.8



FULL MATCH AND ONE-BASE
MISMATCH WITH NORMAL GENE



TWO-BASE MISMATCH WITH NORMAL GENE



THREE-BASE MISMATCH WITH NORMAL GENE